

Message Text

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PAGE 01 IAEA V 04379 01 OF 02 280622Z
ACTION OES-07

INFO OCT-01 IO-13 ISO-00 ACDA-10 NRC-07 EUR-12 L-03
/053 W

-----280643Z 107766 /14

P 271715Z MAY 77

FM USMISSION IAEA VIENNA

TO SECSTATE WASHDC PRIORITY 9157

INFO USERDA HQ WASHDC PRIORITY

USERDA HQ GERMANTOWN PRIORITY

UNCLAS SECTION 1 OF 2 IAEA VIENNA 4379

DEPT PASS IO/SCT

EO 11652: N/A

TAGS: IAEA, TECH, PARM

SUBJ: IAEA INSPECTION OF EURATOM FACILITIES AND TAKING OF
SAMPLES FROM MATERIAL OF U.S.-ORIGIN

REF: IAEA VIENNA 3242

1. IAEA INSPECTORS PLAN TO START INSPECTION OF A REPROCESSING FACILITY IN EUROPEAN COMMUNITY DURING FORTHCOMING WEEK. DURING INSPECTION THEY PLAN TO TAKE SAMPLES FROM FACILITY INPUT SOLUTION FOR ISOTOPIC ANALYSIS; SUBSEQUENTLY, INSPECTORS PLAN TO TAKE SAMPLES OF PU PRODUCT. INDIVIDUAL SAMPLES FROM INPUT WILL CONTAIN MICROGRAM QUANTITIES OF PU. SINCE AGENCY'S SAFEGUARDS ANALYTICAL LABORATORY (SAL) HAS NOT YET BEEN GRANTED CLASS A LICENSE BY GOVERNMENT OF AUSTRIA, PU-BEARING SAMPLES WILL HAVE TO BE SENT FOR ANALYSIS TO ONE OF AGENCY'S NETWORK OF CONTRACT LABS OUTSIDE AUSTRIA. IN THIS INSTANCE, AGENCY PLANS TO USE A CONTRACT LAB IN UK.

2. MATERIAL FROM WHICH SAMPLES WILL BE TAKEN IS OF KNOWN U.S.-ORIGIN, AND IS ASSUMED TO BE SUBJECT TO PROVISIONS OF BILATERAL AGREEMENT FOR COOPERATION BETWEEN USG AND UNCLASSIFIED

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PAGE 02 IAEA V 04379 01 OF 02 280622Z

EURATOM. AGENCY PRESUMABLY WILL PROVIDE USG WITH SER-2 FORM TO DOCUMENT TRANSFER OF SAMPLES FROM FACILITY TO AGENCY INSPECTOR. AGENCY INSPECTOR WILL THEN SEND SAMPLE DIRECTLY TO CONTRACT LAB; QUESTION ARISES AS TO PROCEDURE ACCEPTABLE TO USG IN CONNECTION TRANSFER OF SAMPLE FROM AGENCY INSPECTOR TO CONTRACT LAB. IN THIS PARTICULAR CASE, MISSION ASSUMES MB-10

FORM CAN BE USED SINCE CONTRACT LAB IS IN UK WHICH IS PARTY TO AGREEMENT FOR COOPERATION WITH USG. MB110 MUST BE SIGNED BY TRANSFERRING PARTY (IN THIS CASE THE AGENCY), THE RECEIVING PARTY (IN THIS CASE THE UK CONTRACT LAB) AND BY USERDA. SINCE MB-10 FORM MUST BE COMPLETED IN ADVANCE TO AUTHORIZE TRANSFER FROM AGENCY INSPECTOR TO CONTRACT LAB, ERDA MAY WISH TO AUTHORIZE MISSION TO SIGN MB-10 IN ITS BEHALF. PLEASE ADVISE AND CONFIRM THIS ARRANGEMENT.

3. REGARDING PROCEDURE DESCRIBED PARA 2, MISSION NOTES THAT USE OF SINGLE MB-10 FORM WAS CONSIDERED TRANSFERRING SAMPLE DIRECTLY FROM FACILITY TO UK CONTRACT LAB. HOWEVER, SINCE THIS WOULD COMPROMISE ANONYMITY OF SAMPLE SOURCE USE OF SER-2 FORM TRANSFERRING MATERIAL FROM EURATOM FACILITY TO AGENCY INSPECTOR APPEARS PREFERABLE.

4. USE OF MB-10 FORM WOULD BE APPROPRIATE IN SPECIAL CASES CITED ABOVE BECAUSE UK HAS BILATERAL AGREEMENT FOR COOPERATION WITH U.S. FUTURE SAMPLES MIGHT, HOWEVER, BE SENT TO CONTRACT LABORATORIES IN COUNTRIES WITH WHICH USG DOES NOT HAVE AGREEMENTS FOR COOPERATION. FOR EXAMPLE, SECRETARIAT MEMBERS HAVE MENTIONED POSSIBLE FUTURE USE OF AGENCY CONTRACT LAB IN SOFIA, BULGARIA. PROCEDURES WILL NEED TO BE DEvised TO TAKE SUCH A POSSIBILITY INTO ACCOUNT. MOREOVER, SAMPLES IN CASE CITED ABOVE WILL BE TAKEN FROM MATERIAL OF KNOWN U.S.-ORIGIN; FUTURE SAMPLES MAY BE TAKEN FROM UNCLASSIFIED

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PAGE 03 IAEA V 04379 01 OF 02 280622Z

UNIFIED INVENTORIES IN WHICH MATERIAL OF U.S.-ORIGIN MAY BECOME MINGLED WITH MATERIAL ORIGINATING FROM OTHER COUNTRIES. PROCEDURES WILL ALSO HAVE TO ACCOMMODATE THIS INEVITABLE SITUATION.

5. DEPARTMENT WILL RECOGNIZE THAT THIS PROBLEM IS SIMILAR TO THAT WHICH WILL RESULT WHEN SAL TRANSFERS PU-BEARING RESIDUE TO FRANCE AS REPORTED REFTL. PROCEDURES DEvised TO RESOLVE SAMPLE TRANSFER PROBLEM SHOULD TAKE INTO ACCOUNT RESOLUTION OF FRENCH RECEIPT OF SAL RESIDUE CONTAINING SOME MATERIAL OF U.S.-ORIGIN.

6. THE GENERAL OUTLINE OF A PROCEDURE WHICH MAY PROVE WORKABLE MAY BE CONTAINED IN THE PROCEDURE EMPLOYED FOR

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PAGE 01 IAEA V 04379 02 OF 02 280630Z
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TO SECSTATE WASHDC PRIORITY 9158
INFO USERDA HQ WASHDC PRIORITY
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UNCLAS SECTION 2 OF 2 IAEA VIENNA 4379

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THE AGENCY'S PAFEX EXERCISES IN 1973-1974. HOWEVER, THAT PROCEDURE INVOLVED COMMITMENT BY CONTRACT LABS TO RETURN UNUSED MATERIAL AND RESIDUE TO AGENCY. A PRACTICAL PROBLEM IN SEEKING RETURN OF RESIDUE IS THAT SAMPLES, WHETHER FOR CALIBRATION OR INSPECTION VERIFICATION, ARE GENERALLY NOT ANALYZED INDEPENDENTLY, BUT RATHER AS PART OF A LARGER BATCH OF MATERIAL; CONSEQUENTLY RESIDUE FROM SAMPLES CONTAINING MATERIAL OF U.S.-ORIGIN IS GENERALLY COMMINGLED WITH OTHER RESIDUE. RETRIEVAL OF RESIDUE FROM PROCESSING OF SAMPLES FROM MATERIAL OF U.S.-ORIGIN IS IN THAT CASE NOT POSSIBLE.

7. ANOTHER APPROACH WHICH MIGHT BE CONSIDERED IS TO ESTABLISH A DEMINIMUM QUANTITY (E.G., TWO GRAMS) OF SPECIAL NUCLEAR MATERIAL AND TO ALLOW SAMPLES OF LESSER QUANTITY TO BE WITHDRAWN FROM INVENTORIES OF KNOWN U.S.-ORIGIN OR FROM UNIFIED INVENTORIES BY IAEA INSPECTORS AND TRANSFERRED TO SAL OR CONTRACT LABS WITHOUT ADVANCE INDIVIDUAL AUTHORIZATION FROM OR NOTIFICATION TO THE USG, UNDER ARRANGEMENTS SIMILAR TO THOSE USED FOR PAFEX.

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PAGE 02 IAEA V 04379 02 OF 02 280630Z

8. IN VIEW OF U.S. INTEREST IN EFFECTIVE IAEA SAFE-GUARDS IN EUROPEAN COMMUNITY, MISSION STRESSES PARTICULAR URGENCY OF RESOLUTION PROBLEM CITED PARAS 1-2. AS SOON AS POSSIBLE, THEREAFTER, WE HOPE DEPARTMENT CAN

DEVELOP MORE GENERAL SOLUTION TO PROBLEMS POSED
BY TRANSFER OF INSPECTION SAMPLES TO SAL AND CONTRACT
LABS OF SPECIAL NUCLEAR MATERIAL, WHETHER OF KNOWN
U.S.-ORIGIN OR FROM UNIFIED INVENTORIES CONTAINING
SOME MATERIAL OF U.S.-ORIGIN, AS WELL AS ASSOCIATED
PROBLEM OF FRENCH RECEIPT OF SAL RESIDUE. PLEASE
ADVISE.STONE

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Message Attributes

Automatic Decaptioning: X
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Channel Indicators: n/a
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